

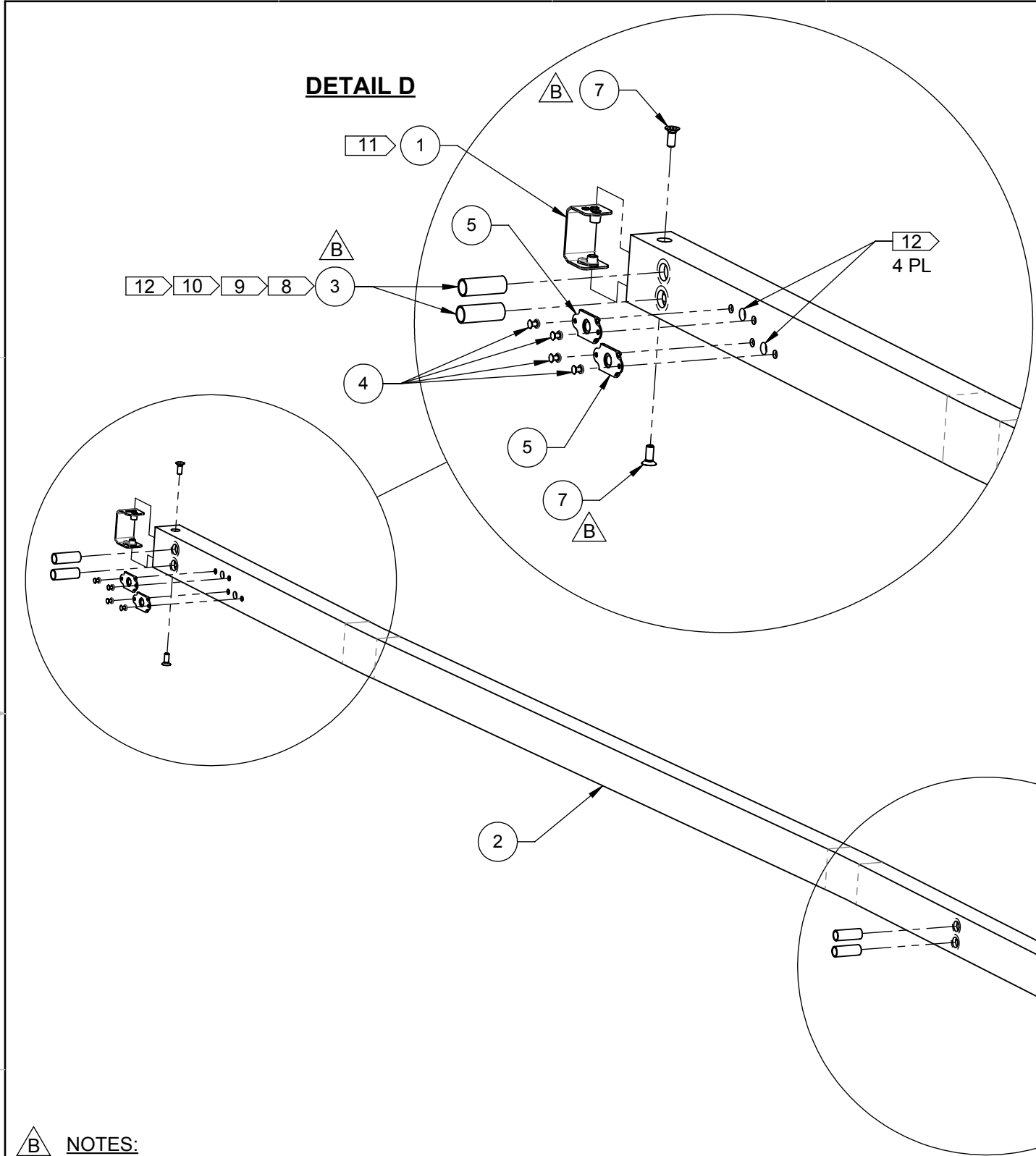
ITEM	QTY -041	P/N	DESCRIPTION
	X	D5445-041	LONGITUDINAL BEAM ASSEMBLY, LH
1	2	D5445-043	END CAP ASSEMBLY
2	4	D5445-5	SPACER
3	8	CR2672-3-(03)	RIVET CHERRY, CSK
4	1	D5445-1	LONGITUDINAL BEAM, LH
5	3	MS21059-4	NUT PLATE
6	1	MS21061L4	NUT PLATE
7	4	MS24694-S3	SCREW, CSK 100°
8	A/R	SIKAFLEX-241/-291	SEALANT

- NOTES:**
- 1) MATERIAL: N/A
 - 2) FINISH: POWDER COAT WHITE (4.3.5.1) PER DART QSI 005 4.3
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
 - 7) WEIGHT: 3.50 lbs
 - 8) SWAGE TO $\varnothing 0.313$ THRU PER QSI 002 4.2
 - 9) TRIM/GRIND FLUSH PER QSI 002
 - 10) REAM THRU SPACERS USING $\varnothing 0.313$ REAMER
 - 11) SEAL END CAPS WITH SIKAFLEX-241/-291
 - 12) MASK HOLES PRIOR TO POWDER COAT

PRELIMINARY ISSUE

17.01.10 RF

B	REDESIGN -1/-2/-041/-042 (ZN A4-1, A4-2, B4-4, B4-5); ADDED -5 (ZN B4-7), REVISE BOM & NOTES (ZN A8-1, A8-2, D3-1, D3-2)	RF	16.11.18
A	NEW ISSUE	RF	16.05.24
REV.	DESCRIPTION	BY	DATE
DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	VS	DRAWING NO.	REV. B
MFG. APPR.	JLM	D5445	SHEET 1 OF 7
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	LONGITUDINAL BEAM ASSY	NTS
DATE	16.11.18	COPYRIGHT © 2016 BY DART AEROSPACE LTD <small>THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	



ITEM	QTY -042	P/N	DESCRIPTION
	X	D5445-042	LONGITUDINAL BEAM ASSEMBLY, RH
1	2	D5445-043	END CAP ASSEMBLY
2	1	D5445-2	LONGITUDINAL BEAM, RH
3	4	D5445-5	SPACER
4	8	CR2672-3-(03)	RIVET CHERRY, CSK
5	3	MS21059-4	NUT PLATE
6	1	MS21061L4	NUT PLATE
7	4	MS24694-S3	SCREW, CSK 100°
8	A/R	SIKAFLEX-241/-291	SEALANT

- NOTES:**
- 1) MATERIAL: N/A
 - 2) FINISH: POWDER COAT WHITE (4.3.5.1) PER DART QSI 005 4.3
 - 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
 - 4) UNITS: INCHES UNLESS OTHERWISE NOTED
 - 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
 - 6) IDENTIFICATION: IDENTIFY PER QSI 044 6.1
 - 7) WEIGHT: 3.50 lbs
 - 8) SWAGE TO $\varnothing 0.313$ THRU PER QSI 002 4.2
 - 9) TRIM/GRIND FLUSH PER QSI 002
 - 10) REAM THRU SPACERS USING $\varnothing 0.313$ REAMER
 - 11) SEAL END CAPS WITH SIKAFLEX-241/-291
 - 12) MASK HOLES PRIOR TO POWDER COAT

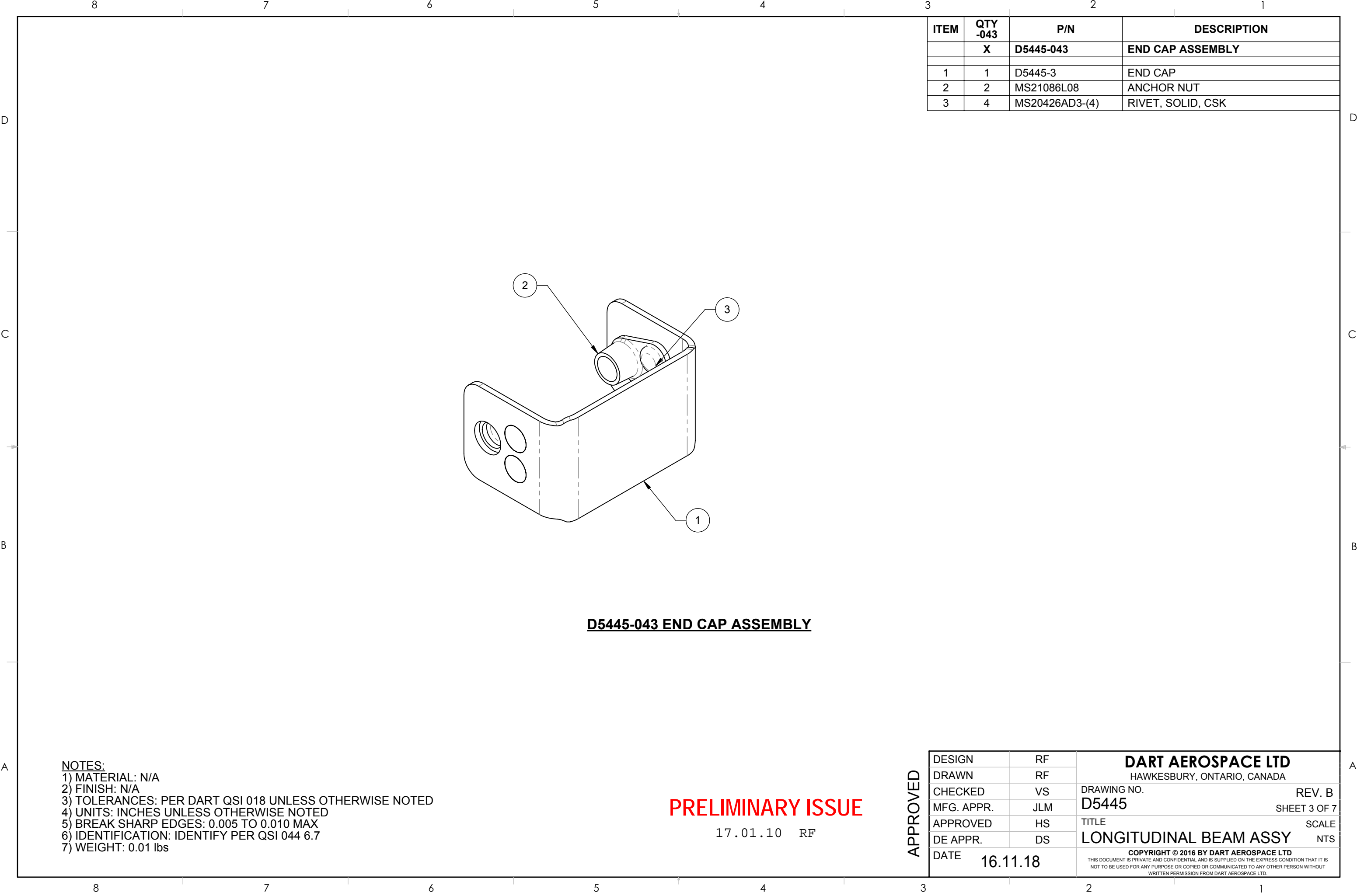
D5445-042 LONGITUDINAL BEAM ASSEMBLY, RH

PRELIMINARY ISSUE

17.01.10 RF

APPROVED

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	VS	DRAWING NO. D5445	REV. B
MFG. APPR.	JLM		SHEET 2 OF 7
APPROVED	HS	TITLE LONGITUDINAL BEAM ASSY	SCALE NTS
DE APPR.	DS	<small>COPYRIGHT © 2016 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.</small>	
DATE	16.11.18		



ITEM	QTY -043	P/N	DESCRIPTION
	X	D5445-043	END CAP ASSEMBLY
1	1	D5445-3	END CAP
2	2	MS21086L08	ANCHOR NUT
3	4	MS20426AD3-(4)	RIVET, SOLID, CSK

NOTES:
1) MATERIAL: N/A
2) FINISH: N/A
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: IDENTIFY PER QSI 044 6.7
7) WEIGHT: 0.01 lbs

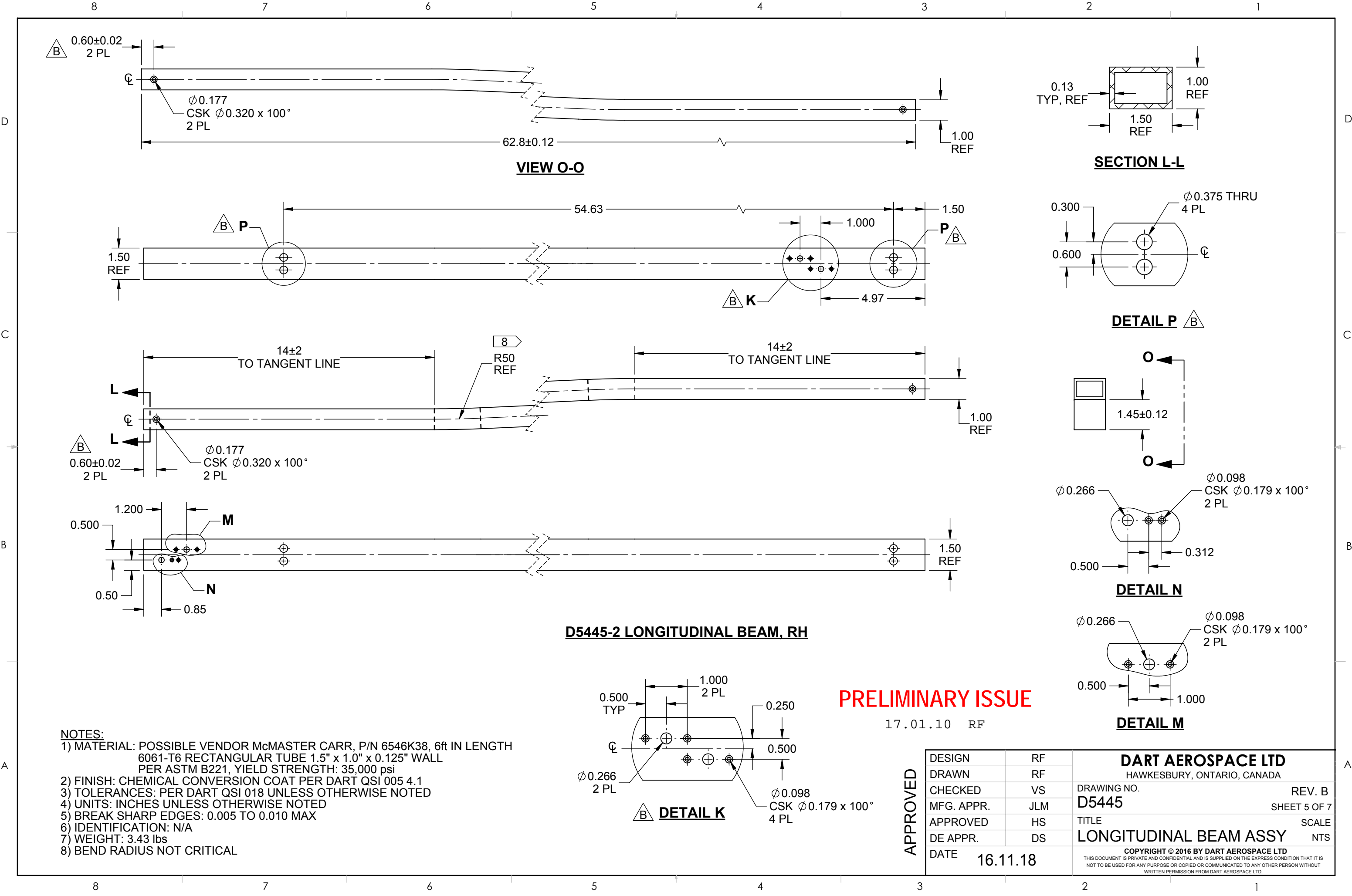
D5445-043 END CAP ASSEMBLY

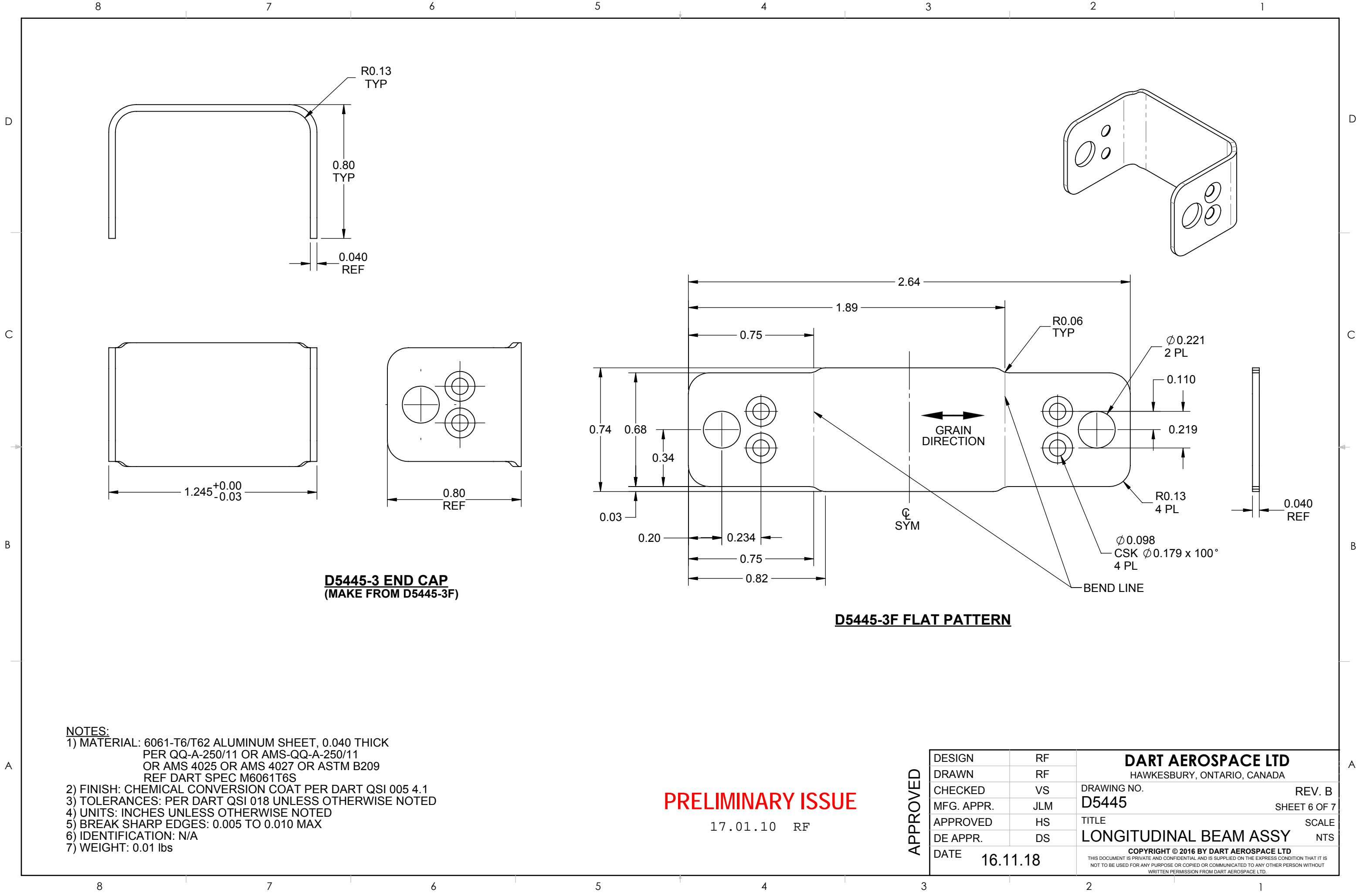
PRELIMINARY ISSUE

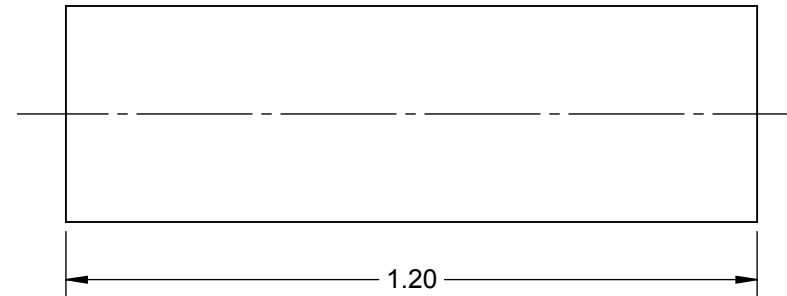
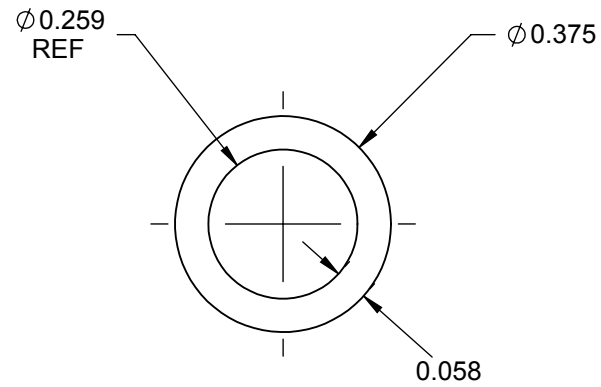
17.01.10 RF

APPROVED

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	VS	DRAWING NO. D5445	REV. B
MFG. APPR.	JLM	SHEET 3 OF 7	
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	LONGITUDINAL BEAM ASSY	NTS
DATE	16.11.18	COPYRIGHT © 2016 BY DART AEROSPACE LTD THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS CONDITION THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR COMMUNICATED TO ANY OTHER PERSON WITHOUT WRITTEN PERMISSION FROM DART AEROSPACE LTD.	







A triangle with the letter 'B' inside it.

1) MATERIAL: MAKE FROM D4720-1
OR 6061-T4/-T42 ALUMINUM TUBING PER WW-T-700/6, AMS 4081, OR ASTM B210 / B221 / B241
REF DART SPEC M6061T4T0.375W.058
OR
6061-T6/-T62 ALUMINUM TUBING PER WW-T-700/6,
QQ-A-200/8, QQ-A-225/8, AMS 4080 / 4082, OR ASTM B210 / B221 / B241
REF DART SPEC M6061T6T0.375W.058
HEAT TREAT TO -T4/-T42 CONDITION. MIN UTS = 30 KSI (60 HREW MIN)

2) FINISH: CHEMICAL CONVERSION COAT PER DART QSI 005 4.1

3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED

4) UNITS: INCHES UNLESS OTHERWISE NOTED

5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX

6) IDENTIFICATION: N/A

7) WEIGHT: 0.00 lbs

17.01.10 RF

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	VS	DRAWING NO.	REV. B
MFG. APPR.	JLM	D5445	SHEET 7 OF 7
APPROVED	HS	TITLE	SCALE
DE APPR.	DS	LONGITUDINAL BEAM ASSY	NTS
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